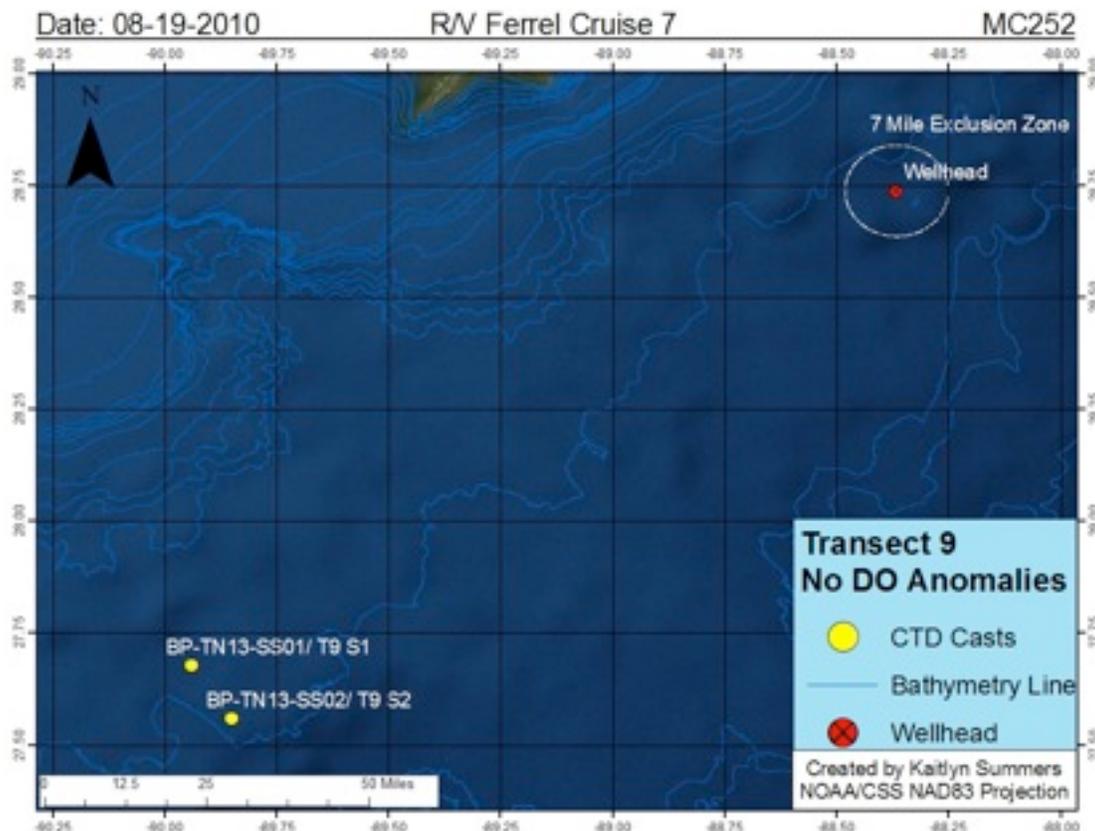


**R/V Ferrel
Francine Reid**

1. Left port in Amelia at 3:00pm yesterday (Aug. 18.)
2. Trained Hearn (Shaw employee) for water filtering with MoBio filters.
3. Roger (Scripps) arrived. Helped him set up pressure equipment set up in the lab.
4. Safety Meeting - 11:30am
5. Arrived at sampling station -12:00pm
6. Sampling begins -12:30pm
7. Two stations were sampled today with four samples per station, including surface samples.
8. Hearn=DNA, RNA, PLFA (MoBio filter)
Fran =AODC, Stable Isotope, VOA Analysis, Nutrient Chemistry, Uncontaminated plume depth water, Culturing, PLFA (Sterivex filter)
9. No DO anomalies seen today.
10. Weather conditions: Air Temperature 87 degrees Fahrenheit, seas 1-2 feet

Sampling Nomenclature:

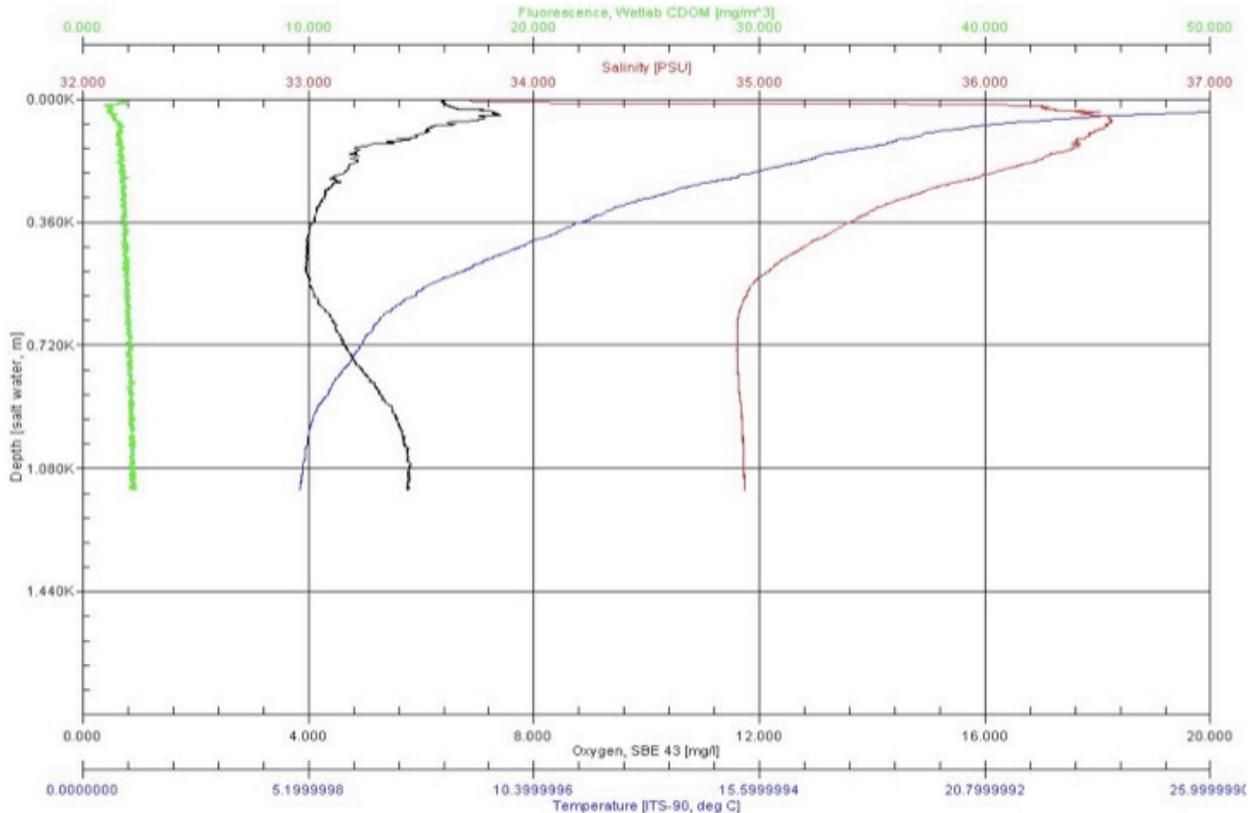
SW-YYYYMMDD-VesselMission#-SampleID
BP-TransectNumber##-SamplingSite##



First station

103 miles SSW of wellhead. No DO anomaly.

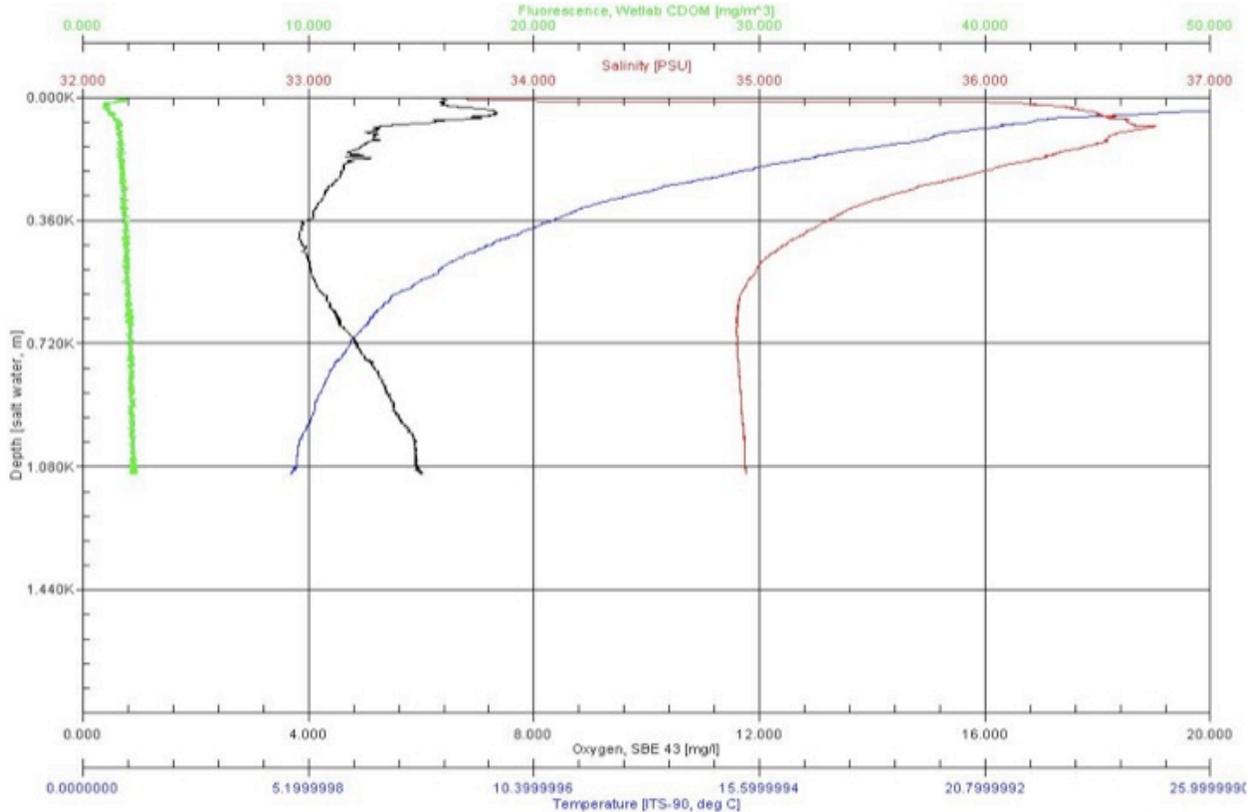
SW-20100819-FER8-xx
BP-TN13-SS01



1. SW-20100819-FER8-01 (Surface)
BP-TN13-SS01
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, SIP, Nutrient Chemistry
2. SW-20100819-FER8-02 (1140m)
BP-TN13-SS0
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, SIP, Nutrient Chemistry
3. SW-20100819-FER8-04 (1000m)
BP-TN13-SS01
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, SIP, Nutrient Chemistry
4. SW-20100819-FER8-06 (900m)
BP-TN13-SS01
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA, SIP, Nutrient Chemistry

Second station

106 miles SSW of wellhead. No DO anomaly

SW-20100819-FER8-xx
BP-TN13-SS02

5. SW-20100819-FER8-**10** (surface)
BP-TN13-SS02
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, Nutrient Chemistry
6. SW-20100819-FER8-**11** (1100m)
BP-TN13-SS02
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, SIP, Nutrient Chemistry
7. SW-20100819-FER8-**13** (1000m)
BP-TN13-SS02
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, Nutrient Chemistry, SIP
8. SW-20100819-FER8-**15** (900m)
BP-TN13-SS02
 - DNA (4L), RNA (4L), PLFA (Sterivex 600mL + MoBio Filter 1.4L), AODC, VOA Analysis, Nutrient Chemistry